

X. Construction Protection Plan

During final design, DTS, in cooperation with its contractors and FTA, will develop a Construction Mitigation Plan (CMP). The CMP will include a Noise and Vibration Mitigation Plan. Per requirements of the FEIS and FTA Noise and Vibration Impact assessment (2006) guidance, DTA shall perform quantitative assessments of both noise and vibration which will inform the CMP. Noise and vibration control plans will be updated every six months. The updated plans should predict the construction noise and vibration impacts at sensitive receptor locations based upon the proposed construction equipment and methods. Appropriate construction plan noise and vibration mitigation measures shall be employed. These measures are identified in FTA's guidance manual (2006). ~~using any and all of the mitigation measures defined in the Final Environmental Impact Statement (FEIS) and the FTA Noise & Vibration Impact Assessment (2006) guidance.~~

Numeric limits and monitoring measures will be developed to minimize noise and vibration impacts. Vibration criteria included in Table 12-3 of the FTA guidance (FTA 2006) will be applied. Note that most historic properties in the corridor are non-engineered timber or masonry; a criterion of 0.2 inches per second of peak particle velocity would be applicable to these structures. Noise and vibration mitigation strategies

Comment [cvw1]: This is ambiguous. Saying "any or all" does not commit to anything. At a minimum, all of the mitigation measures identified in the FEIS must be incorporated as they are the measures to which we commit as mitigation. This can go above and beyond what is in the FEIS, but it cannot be less, as this language suggests.

will be included in the Construction Noise and Vibration Mitigation Plan.

Before project construction begins, the City shall meet with the construction contractor(s) to review and transmit the CMP.

The City will monitor project construction to ensure that the measures in the CMP are implemented and shall provide a record of monitoring activities in progress reports prepared pursuant to Stipulation XIII.D.

With the cooperation of the Navy, the City shall complete post-construction noise monitoring as stipulated in the FEIS within U.S. Naval Base, Pearl Harbor NHL.

FTA shall ensure that any inadvertent damage resulting from the Project to historic properties shall be repaired, to the extent possible, in accordance with *The Secretary of the Interior's Standards for the Treatment of Historic Properties*. The City shall submit a scope of work or treatment plan to address inadvertent damage to the SHPD for comment before initiating repairs.

Comment [cvw2]: Splitting this responsibility like this between FTA and the City seems odd. Maybe it should all be "the City, in consultation with FTA,"